

Prior Art

Fig. 1

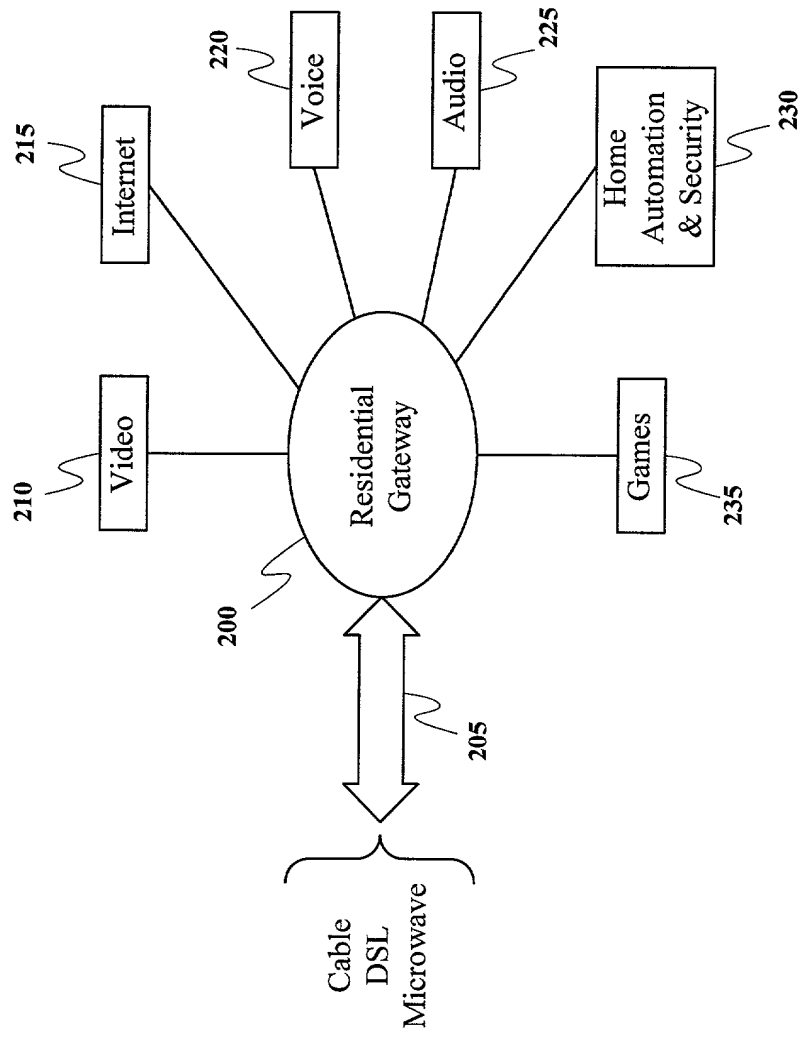


Fig. 2

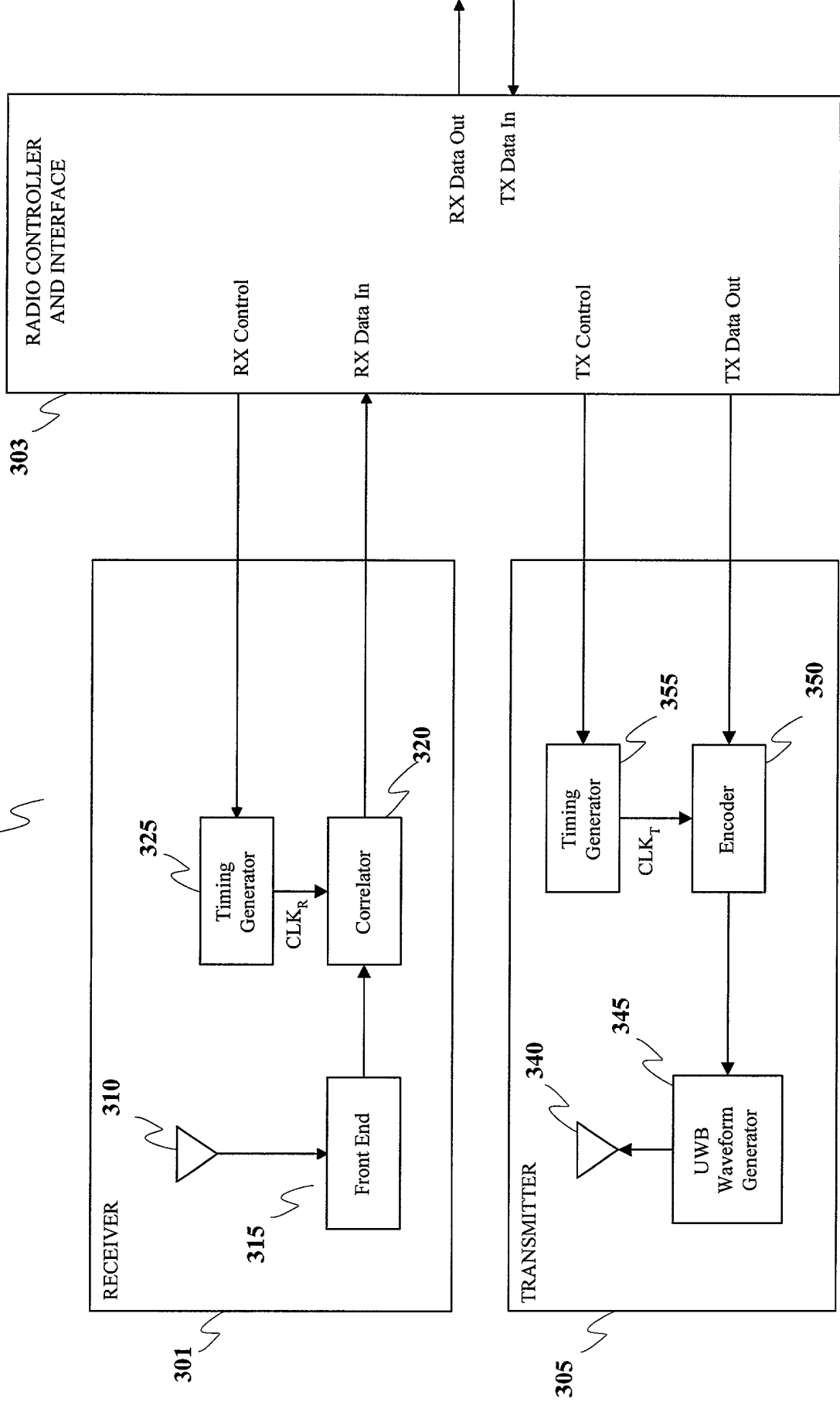


Fig. 3

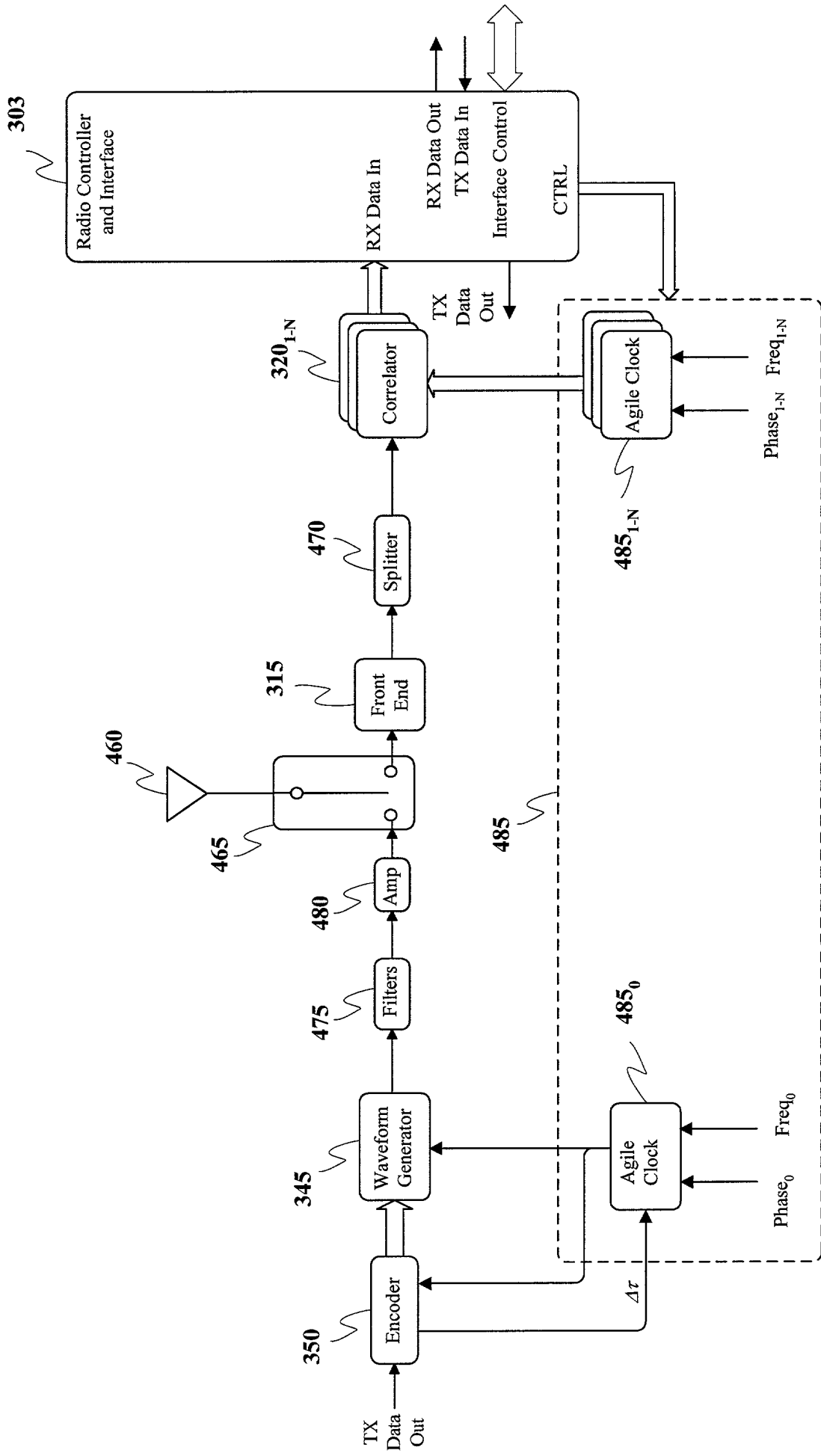
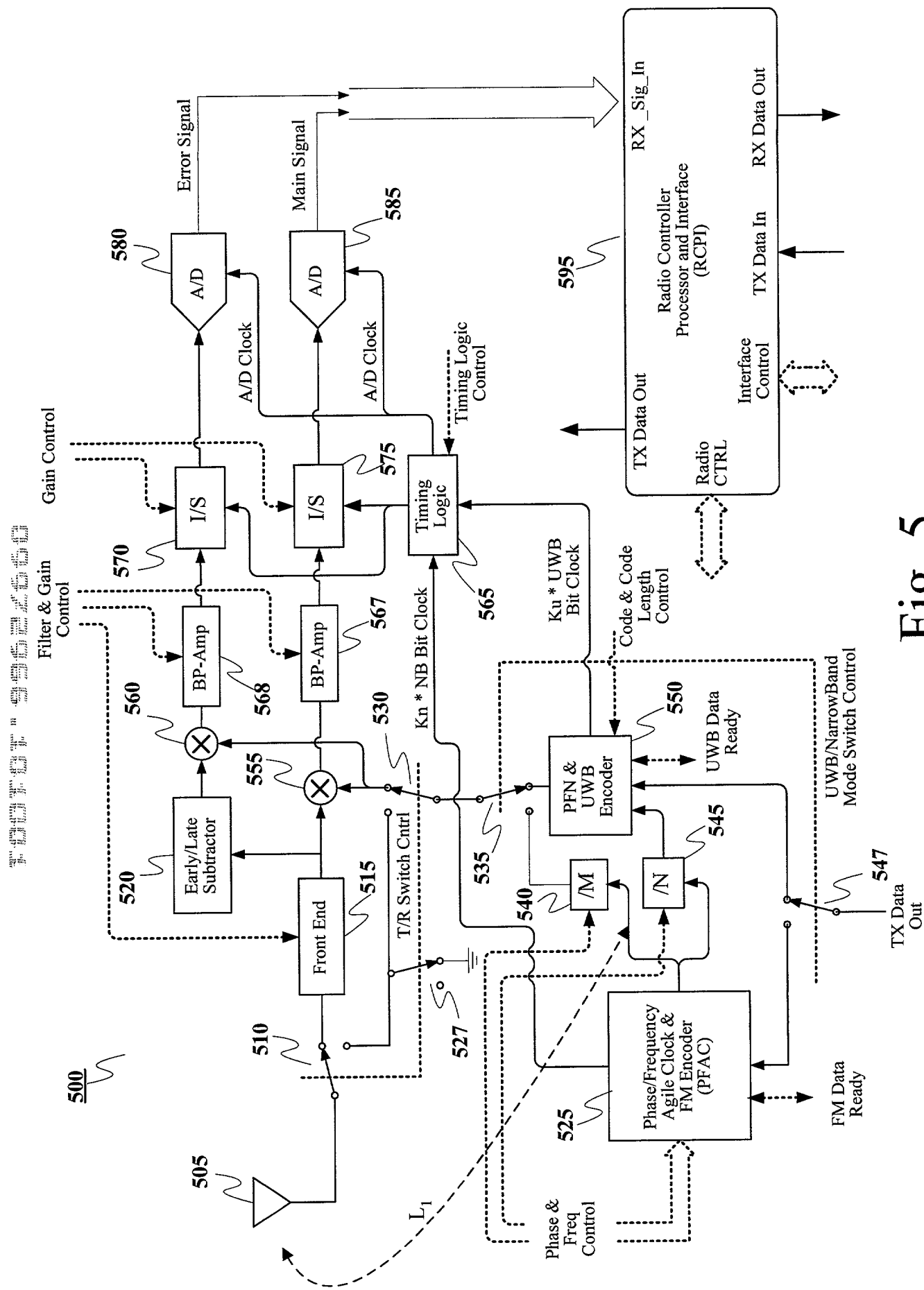


Fig. 4



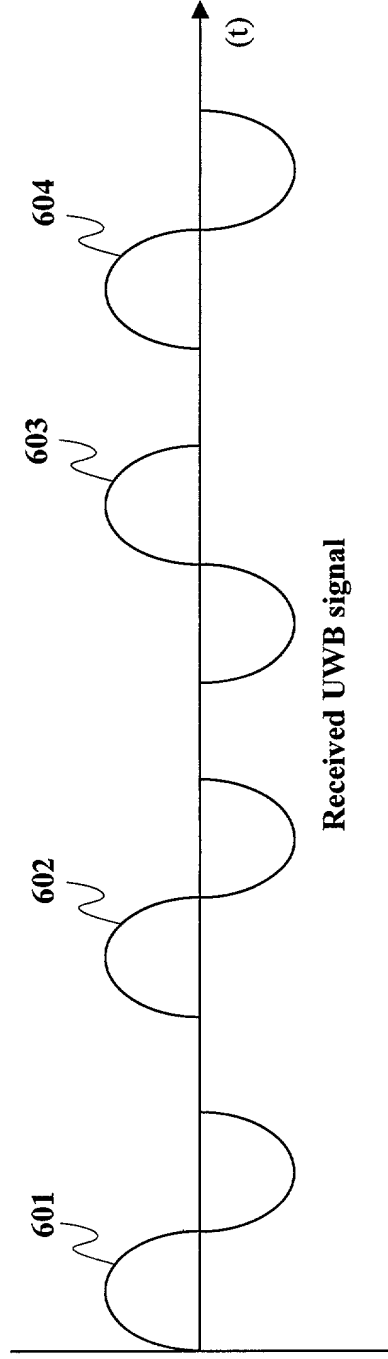


Fig. 6A

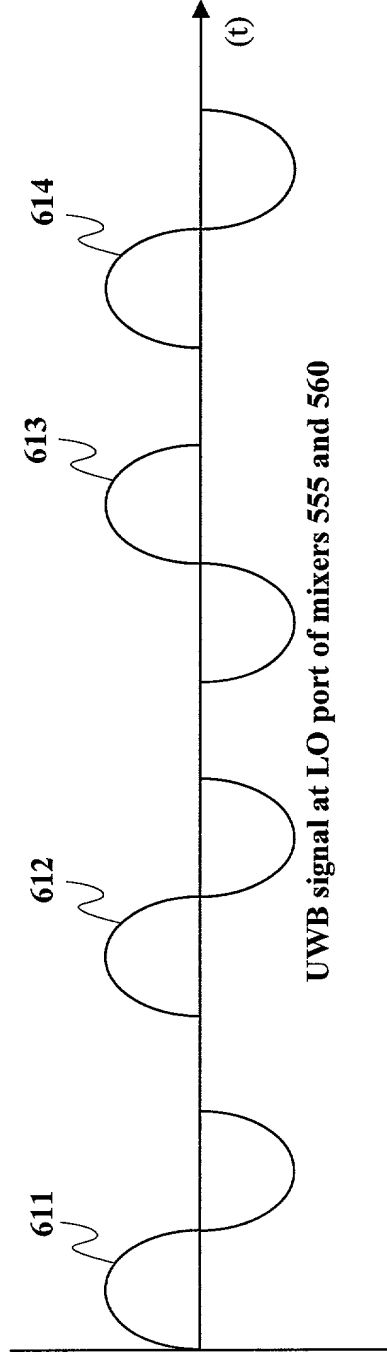


Fig. 6A

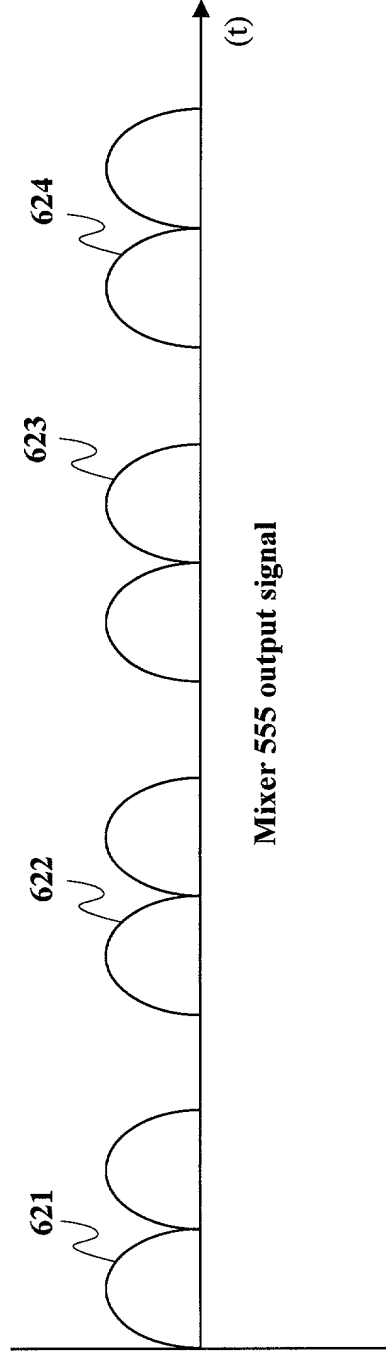


Fig. 6C

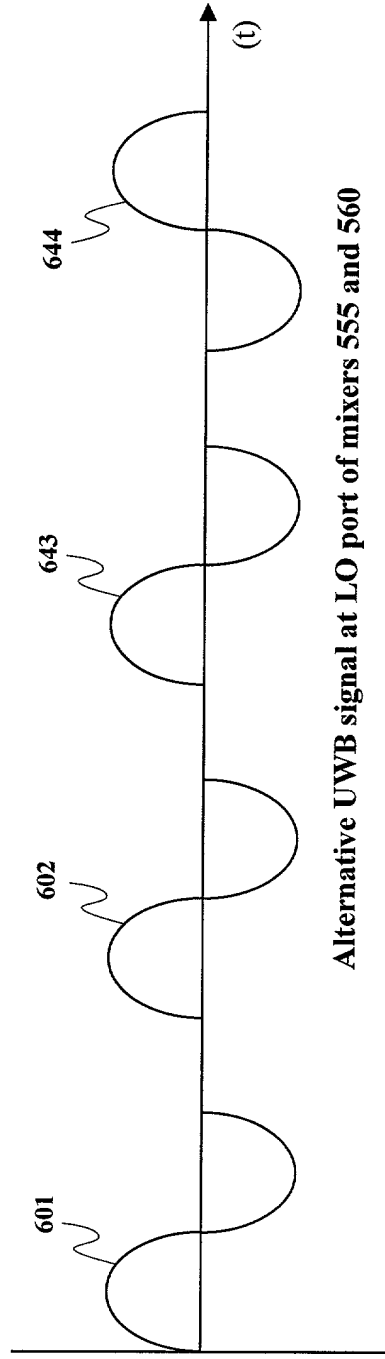


Fig. 6D

Alternative UWB signal at LO port of mixers 555 and 560

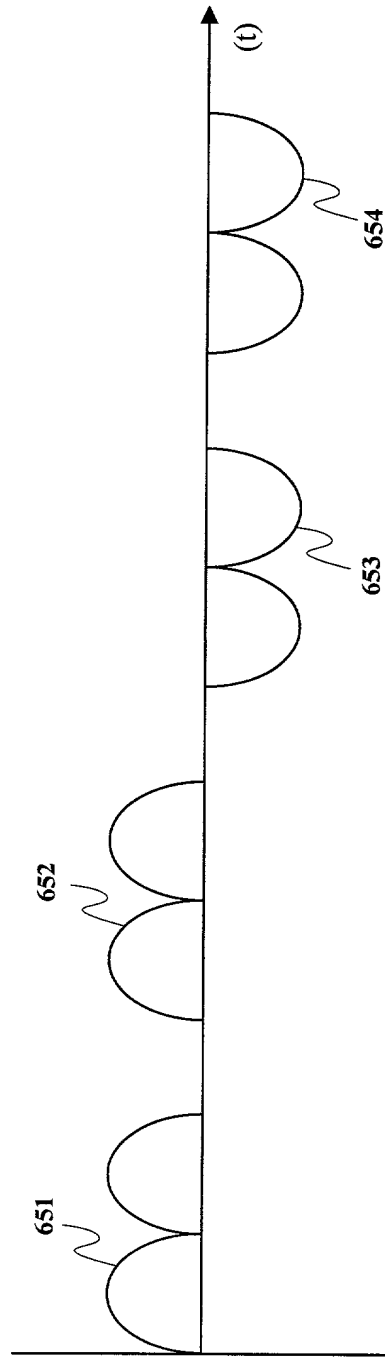


Fig. 6E

Resulting alternative mixer 555 output signal

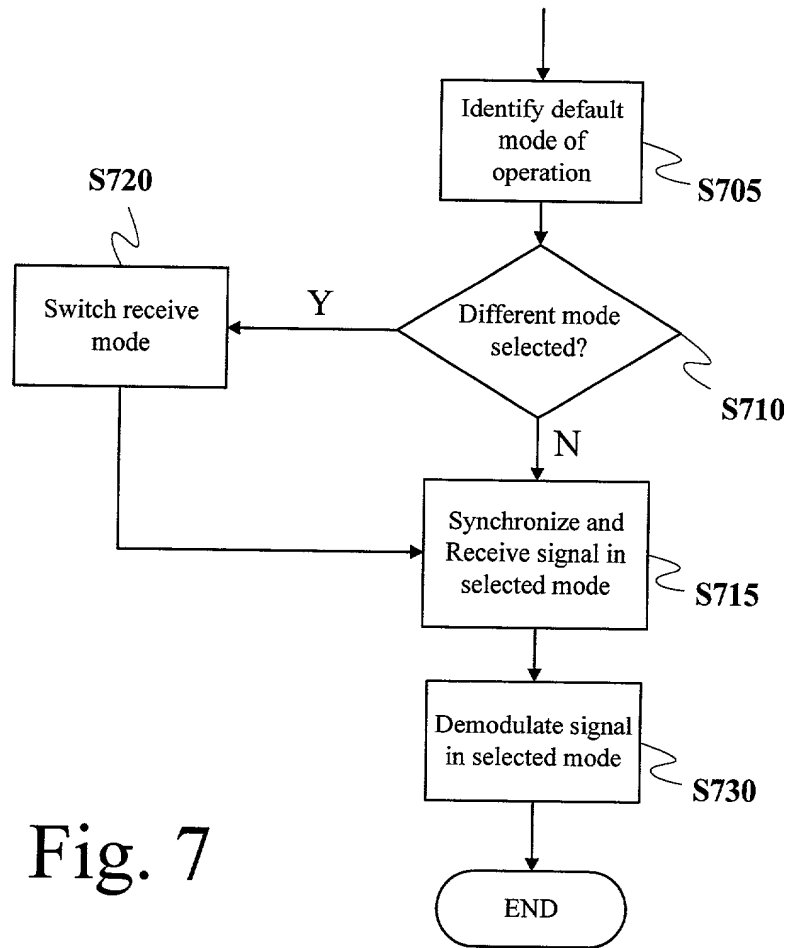


Fig. 7



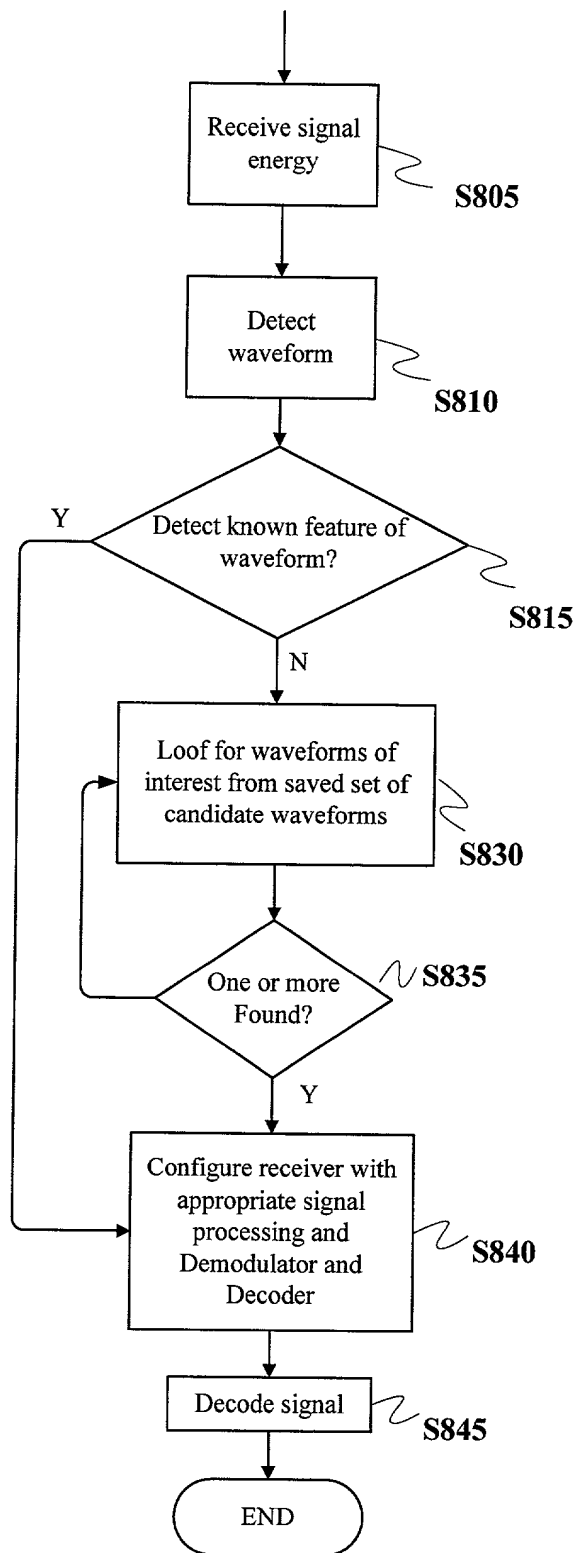


Fig. 8

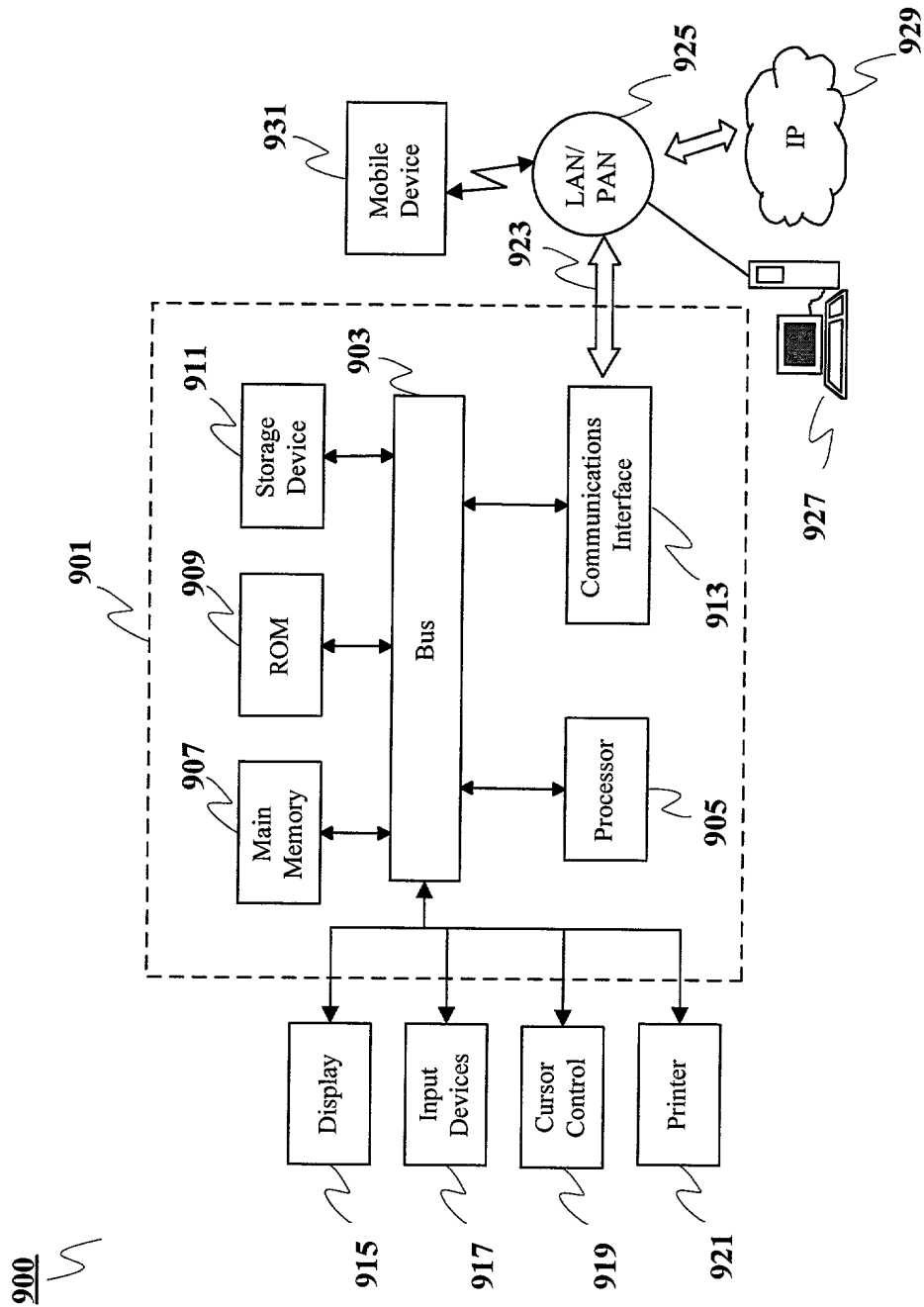


Fig. 9

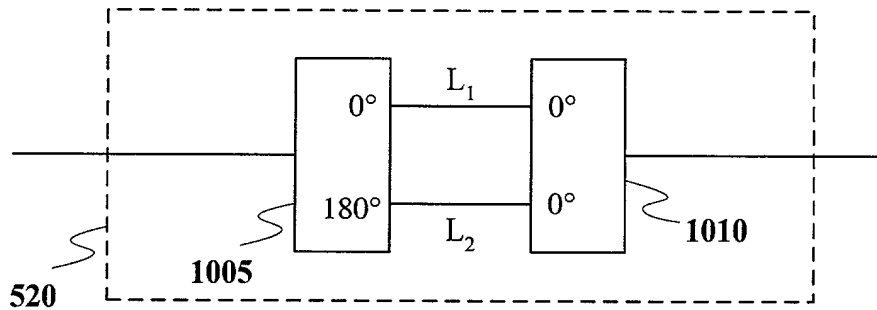


Fig. 10A

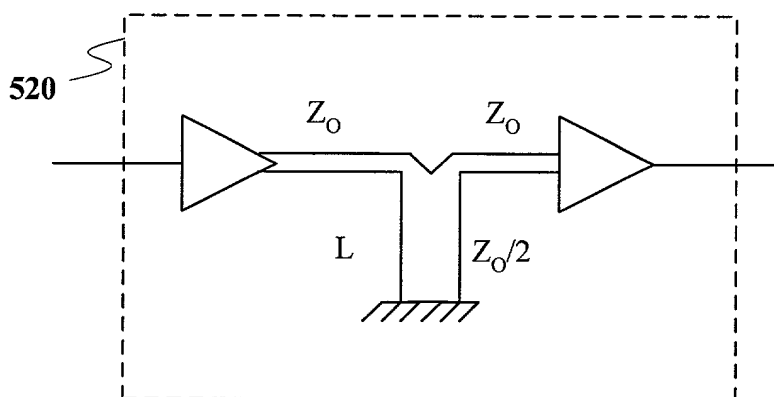


Fig. 10B

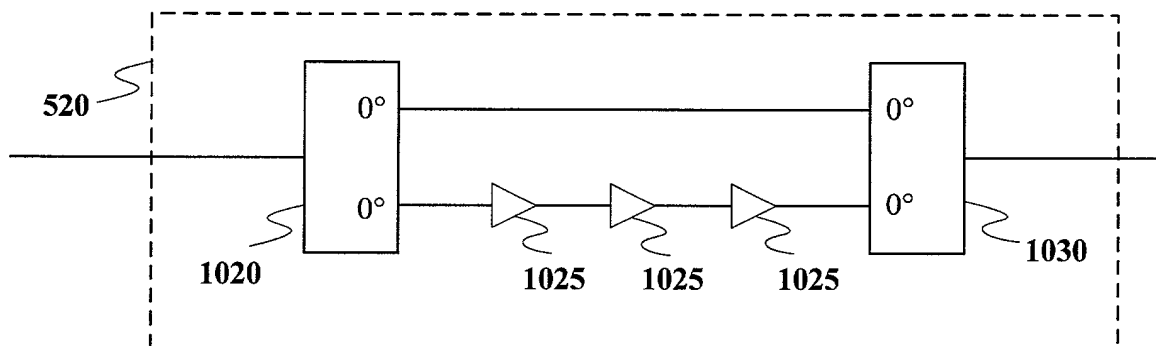


Fig. 10C

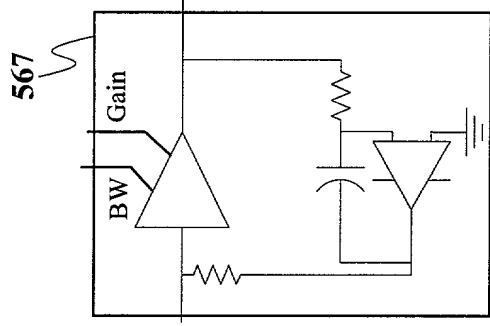


Fig. 11A

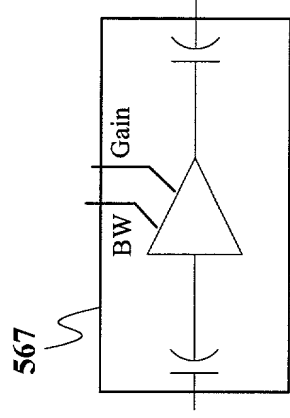


Fig. 11B

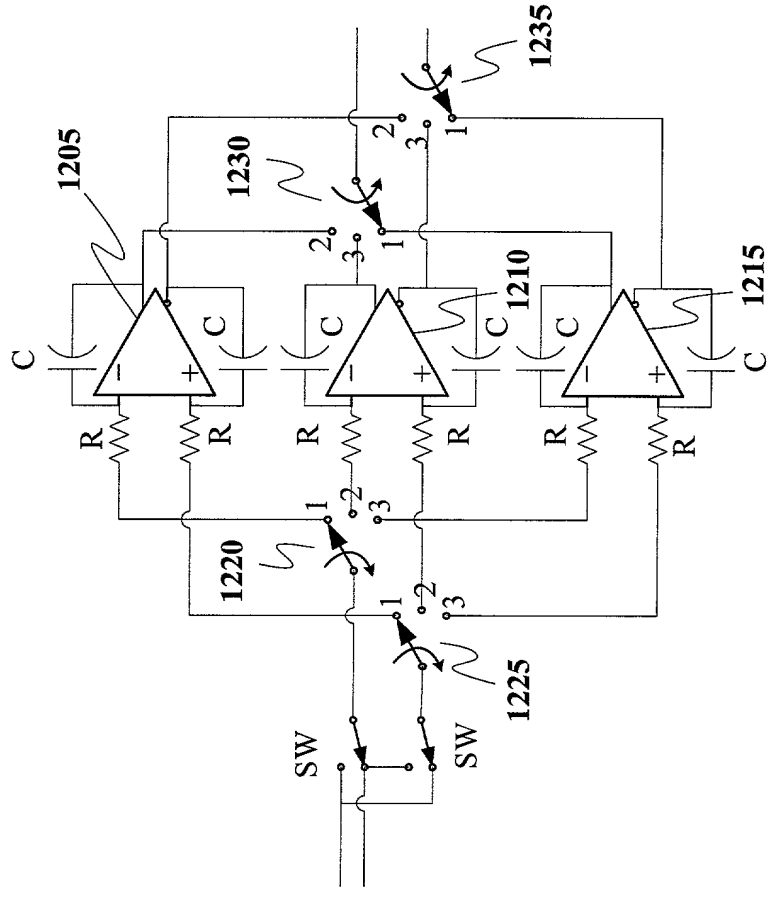


Fig. 12A

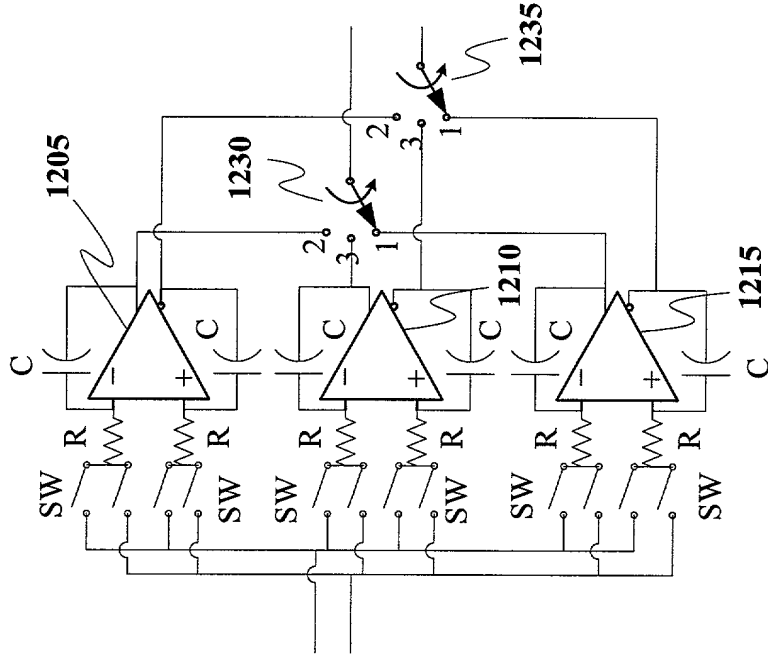


Fig. 12B

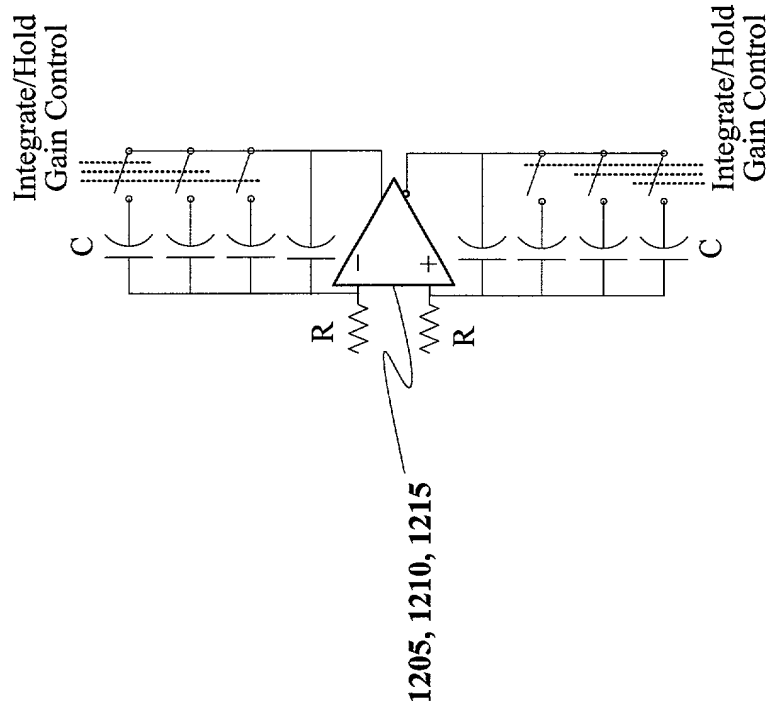


Fig. 13

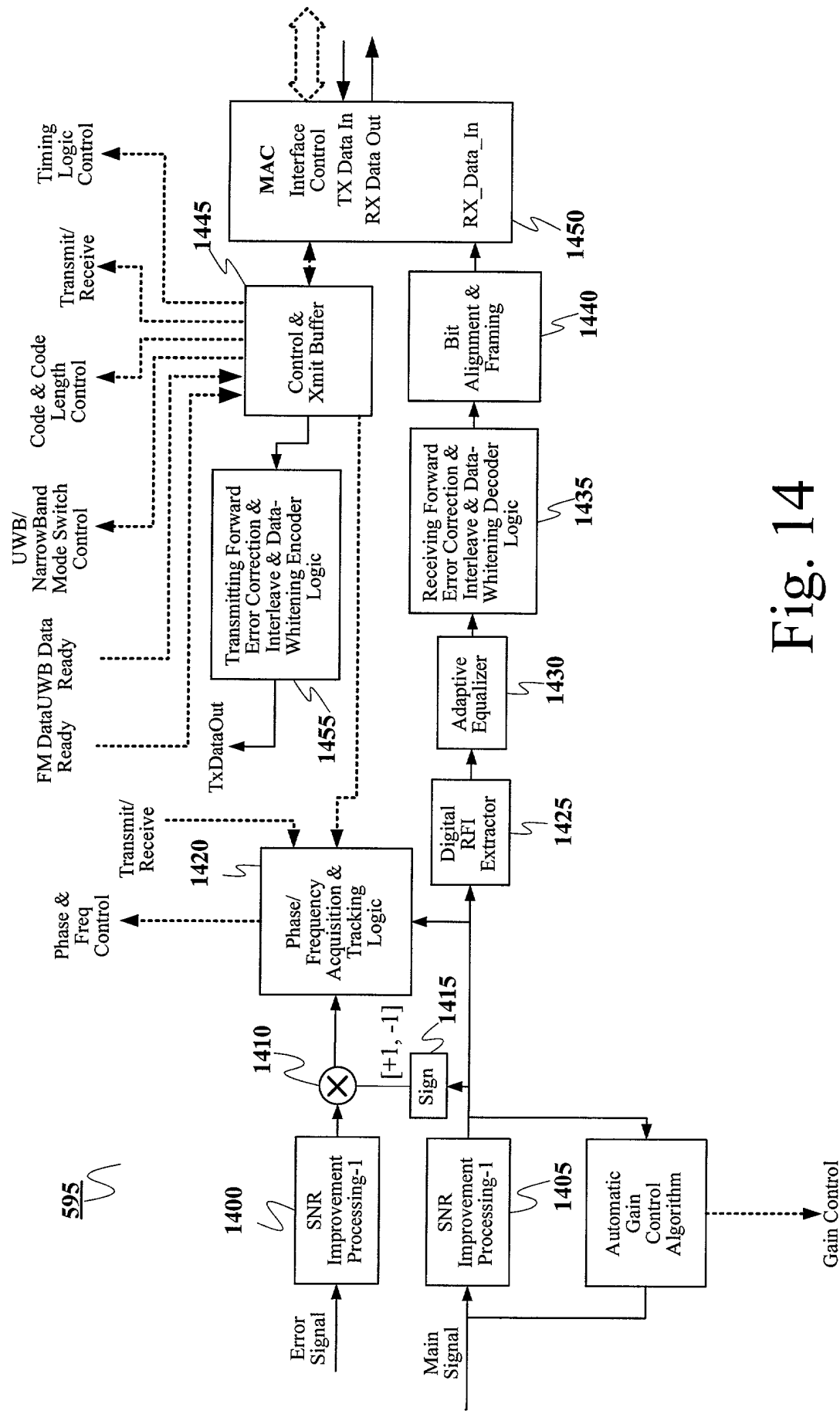


Fig. 14